



08-27-02

CP 1637

EXPRESS MAIL NO. EV170134007US

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL  
FORM**(To be used for all correspondence  
after initial filing)

|                      |                |
|----------------------|----------------|
| Application Number   | 09/347,496     |
| Filing Date          | July 2, 1999   |
| First Named Inventor | Jiangchun Xu   |
| Group Art Unit       | 1634           |
| Examiner Name        | Jehanne Souaya |
| Attorney Docket No.  | 210121.471C1   |

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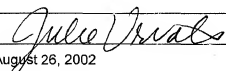
TECH CENTER 1600/2900

**ENCLOSURES (check all that apply)**

- |  |  |  |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form                           | <input type="checkbox"/> Assignment Papers<br>(for an Application)                             | <input type="checkbox"/> CD(s), Number<br>of CD(s) _____   |
| <input checked="" type="checkbox"/> Fee Attached                                   | <input type="checkbox"/> Drawing(s)  | <input type="checkbox"/> After Allowance<br>Communication to Group                               |
| <input checked="" type="checkbox"/> Amendment/Response                             | <input type="checkbox"/> Request for Corrected Filing<br>Receipt                               | <input type="checkbox"/> Appeal Communication to<br>Board of Appeals and<br>Interferences        |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to<br>Group (Appeal Notice, Brief,<br>Reply Brief) |
| <input checked="" type="checkbox"/> Affidavits/declaration(s)                      | <input type="checkbox"/> Petition  | <input type="checkbox"/> Proprietary Information   |
| <input checked="" type="checkbox"/> Extension of Time Request                      | <input type="checkbox"/> Petition to Convert to a<br>Provisional Application                   | <input type="checkbox"/> Status Letter   |
| <input type="checkbox"/> Express Abandonment<br>Request                            | <input type="checkbox"/> Power of Attorney,<br>Revocation, Change of<br>Correspondence Address | <input type="checkbox"/> Return Receipt Postcard   |
| <input type="checkbox"/> Information Disclosure<br>Statement; Form PTO-1449        | <input type="checkbox"/> Declaration   | <input checked="" type="checkbox"/> Additional Enclosure(s)<br>(please identify below):          |
| <input type="checkbox"/> Cited References  | <input type="checkbox"/> Statement under 37 CFR<br>3.73(b)                                     | <u>Figure 1 as attached to</u><br><u>Harlocker declaration</u>                                   |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)                 | <input type="checkbox"/> Terminal Disclaimer   | _____  |
| <input type="checkbox"/> Response to Missing Parts<br>under 37 C.F.R. 1.52 or 1.53 | <input type="checkbox"/> Small Entity Statement  | _____  |
| <input type="checkbox"/> Response to Missing<br>Parts/Incomplete Application       | <input type="checkbox"/> Request for Refund  | _____  |

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

|                 |  |   |
|-----------------|--|---|
| Individual Name | Julie A. Urvater, Ph.D., Patent Agent<br>Registration No. 50,461                   | <br>00500<br>PATENT TRADEMARK OFFICE |
| Signature       |  |   |
| Date            | August 26, 2002  |   |

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on the date specified below.

|                       |  |       |
|-----------------------|--|-------|
| Typed or printed name |  |       |
| Signature             |  | Date: |

EXPRESS MAIL NO. EV170134007US  
PTO/S&P 17 (11-00)  
red for use through 10/31/2002. OMB 0651-0032**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) **568**

## Complete If Known

Application Number **09/347,496**  
Filing Date **July 2, 1999**  
First Named Inventor **Jiangchun Xu**  
Examiner Name **Jehanne Souaya**  
Group Art Unit **1634**  
Attorney Docket No. **210121.471C1****RECEIVED****AUG 2 9 2002****TECH CENTER 1600/2900**

## METHOD OF PAYMENT

☒ Payment Enclosed:  
☒ Check ☐ Credit card ☐ Money Order ☐ Other☐ Deposit Account:Deposit  
Account  
Number**19-1090**Deposit  
Account  
Name**Seed Intellectual Property Law Group PLLC**

The Commissioner is authorized to (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any deficiencies

to the above-identified deposit account.

☐ Applicant claims small entity status. See 37 CFR 1.27.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity |          | Small Entity |          | Fee Description        | Fee Paid       |
|--------------|----------|--------------|----------|------------------------|----------------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |                        |                |
| 101          | 740      | 201          | 370      | Utility filing fee     |                |
| 106          | 330      | 206          | 165      | Design filing fee      |                |
| 107          | 510      | 207          | 255      | Plant filing fee       |                |
| 108          | 740      | 208          | 370      | Reissue filing fee     |                |
| 114          | 160      | 214          | 80       | Provisional filing fee |                |
| SUBTOTAL (1) |          |              |          |                        | <b>(5) 168</b> |

## 2. EXTRA CLAIM FEES

|                       | Claims<br>prev.<br>paid | **         | Extra<br>Claims | Fee<br>from<br>below | Fee<br>Paid |
|-----------------------|-------------------------|------------|-----------------|----------------------|-------------|
| Total Claims          |                         |            |                 |                      |             |
| Independent<br>Claims | <b>17</b>               | <b>-15</b> | <b>2</b>        | <b>168</b>           | <b>168</b>  |
| Multiple<br>Dependent |                         |            |                 |                      |             |

| Large Entity |          | Small Entity |          | Fee Description  |
|--------------|----------|--------------|----------|--|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |
| 103          | 18       | 203          | 9        | Claims in excess of 20                                     |
| 102          | 84       | 202          | 42       | Independent claims in excess of 3                          |
| 104          | 280      | 204          | 140      | Multiple dependent claim, if not paid                      |
| 109          | 84       | 209          | 42       | ** Reissue independent claims over original patent         |
| 110          | 18       | 210          | 9        | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) |          |              |          | (5) 168  |

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

| Large Entity |          | Small    |          | Fee Description  | Fee Paid |
|--------------|----------|----------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code | Fee (\$) |  |          |
| 105          | 130      | 205      | 65       | Surcharge - late filing fee or oath  |          |
| 127          | 50       | 227      | 25       | Surcharge - late provisional filing fee or cover sheet                     |          |
| 139          | 130      | 139      | 130      | Non-English specification  |          |
| 147          | 2,520    | 147      | 2,520    | For filing a request for ex parte reexamination                            |          |
| 112          | 920*     | 112      | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 113          | 1,840*   | 113      | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 115          | 110      | 215      | 55       | Extension for reply within first month                                     |          |
| 116          | 400      | 216      | 200      | Extension for reply within second month                                    | 400      |
| 117          | 920      | 217      | 460      | Extension for reply within third month                                     |          |
| 118          | 1,440    | 218      | 720      | Extension for reply within fourth month                                    |          |
| 128          | 1,960    | 228      | 980      | Extension for reply within fifth month                                     |          |
| 119          | 320      | 219      | 160      | Notice of Appeal   |          |
| 120          | 320      | 220      | 160      | Filing a brief in support of an appeal                                     |          |
| 121          | 280      | 221      | 140      | Request for oral hearing   |          |
| 138          | 1,510    | 138      | 1,510    | Petition to institute a public use proceeding                              |          |
| 140          | 110      | 240      | 55       | Petition to revive - unavoidable   |          |
| 141          | 1,280    | 241      | 640      | Petition to revive - unintentional   |          |
| 142          | 1,280    | 242      | 640      | Utility issue fee (or reissue)   |          |
| 143          | 460      | 243      | 230      | Design issue fee   |          |
| 144          | 620      | 244      | 310      | Plant issue fee  |          |
| 122          | 130      | 122      | 130      | Petitions to the Commissioner  |          |
| 123          | 50       | 123      | 50       | Petitions related to provisional applications                              |          |
| 126          | 180      | 126      | 180      | Submission of Information Disclosure Stmt                                  |          |
| 581          | 40       | 581      | 40       | Recording each patent assignment per property (times number of properties) |          |
| 146          | 740      | 246      | 370      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149          | 740      | 249      | 370      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179          | 740      | 279      | 370      | Request for Continued Examination (RCE)                                    |          |
| 169          | 900      | 169      | 900      | Request for expedited examination of a design application                  |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) **(5) 400**

## SUBMITTED BY

Name (Print/Type) **Julie A. Urvater, Ph.D., Patent Agent** Registration No. **50,461**

Firm Name/Address

Signature *Julie Urvater*

Date

**August 26, 2002****00500**

PATENT TRADEMARK OFFICE



Express Mail No. EV170134007US  
PATENT

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9-24-02

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jiangchun Xu  
Application No.: 09/347,496  
Filed: July 2, 1999  
For: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS  
OF COLON CANCER AND METHODS FOR THEIR USE

Examiner : Jehanne Souaya  
Art Unit : 1634  
Docket No. : 210121.471C1  
Date : August 26, 2002

Commissioner for Patents  
Washington, DC 20231

RESPONSE UNDER 37 C.F.R. § 1.112

Commissioner for Patents:

In response to the Office Action dated March 27, 2002, please extend the period of time for response 2 months, to expire on August 27, 2002. Enclosed are a Petition for an Extension of Time and the requisite fee. Please amend the specification as follows:

In the claims:

Please cancel claims 80, 81, 83, and 84.

Please amend claims 79, 82, and 85 to read as follows:

08/28/2002 AOSMAN1 00000098 09347496

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168.00 OP